Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT
Issued under 401 KAR 52:040

Permittee Name:	**Great Lakes Minerals, LLC**
Mailing Address:	**1101 Port Road; Suite B** **Wurtland, Kentucky 41144-1635**
Source Name:	**Great Lakes Minerals**
Mailing Address:	**Same as above**
Source Location:	**1 East River Port Road** **Wurtland, Kentucky 41144**
Permit Number:	**S-07-018**
Source A. I. #:	**1591**
Activity #:	**APE20040001**
Review Type:	**Minor Source, Construction / Operating**
Source ID #:	**21-089-00036**
Regional Office:	**Ashland Regional Office** **1550 Wolohan Drive, Suite 1** **Ashland, Kentucky 41102-8942** **(606) 929-5285**
County:	**Greenup**
Application Complete Date:	**December 14, 2007**
Issuance Date:	**February 19, 2008**
Revision Date:	
Expiration Date:	**February 19, 2018**

John S. Lyons, Director
Division for Air Quality

Revised 10/19/05

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be complete on December 14, 2007, the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from Division, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals that may be required by the Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Stockpiles and Haul Road & Yard Area

01 **(-)** **Truck Loadout (To Feed Material Stockpile)**
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Stockpile (Feed Material)**
Constructed: September 30, 1999
Control: Partial Enclosure

(-) **Loadout (End-Loader)**
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Truck Loadout (To Feed Material Stockpile)**
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Stockpile (Feed Material)**
Constructed: September 30, 1999
Control: Partial Enclosure

(-) **Loadout (End-Loader)**
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Truck Loadout (To Feed Material Stockpile)**
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Stockpile (Feed Material)**
Constructed: September 30, 1999
Control: Partial Enclosure

(-) **Loadout (End-Loader)**
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) **Truck Loadout (To Feed Material Stockpile)**
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Stockpiles and Haul Road & Yard Area (Continued)

01 (-) Stockpile (Feed Material)
Constructed: September 30, 1999
Control: Partial Enclosure

(-) Loadout (End-Loader)
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Truck Loadout (To Feed Material Stockpile)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Stockpile (Feed Material)
Constructed: September 30, 1999
Control: Partial Enclosure

(-) Loadout (End-Loader)
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Truck Loadout (To Feed Material Stockpile)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Stockpile (Feed Material)
Constructed: September 30, 1999
Control: Partial Enclosure

(-) Loadout (End-Loader)
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Truck Loadout (To Feed Material Stockpile)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

(-) Stockpile (Feed Material)
Constructed: September 30, 1999
Control: Partial Enclosure

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Stockpiles and Haul Road & Yard Area (Continued)

01 (-) Loadout (End-Loader)
(From Feed Material Stockpile to Receiving Hopper)
(Maximum Process Rate – 100 tons/hour)
Control: Mechanical Sweeper

02 (-) Haul Road and Yard Area (Paved)
Constructed: 1999
Control: Mechanical Sweeper

APPLICABLE REGULATIONS:

State Regulation 401 KAR 63:010, Fugitive emissions, applies to each of the affected facilities listed above.

1. Operating Limitations:

N/A

2. Emission Limitations:

a. The materials processed at each affected facility listed above shall be controlled with wet suppression, enclosures, and/or dust collection equipment so as to comply with the requirements specified in Regulation 401 KAR 63:010, Fugitive emissions, Section 3. Standards for fugitive emissions.

b. Pursuant to Regulation 401 KAR 63:010, Section 3 (1), no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored; a building or its appurtenances to be constructed, altered, repaired, or demolished, or a road to be used without taking reasonable precaution to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, when applicable, but not be limited to the following:

1) Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
2) Application and maintenance of asphalt, oil, water, or suitable chemicals on roads, materials stockpiles, and other surfaces which can create airborne dusts;
3) Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials, or the use of water sprays or other measures to suppress the dust emissions during handling. Adequate containment methods shall be employed during sandblasting or other similar operations.
4) Covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne;

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. Emission Limitations: (Continued)

b. 5) The maintenance of paved roadways in a clean condition;
6) The prompt removal of earth or other material from a paved street which earth or other material has been transported thereto by trucking or earth moving equipment or erosion by water.

c. Pursuant to Regulation 401 KAR 63:010, Section 3 (2), no person shall cause or permit the discharge of visible fugitive dust emissions beyond the lot line of the property on which the emissions originate.

d. Pursuant to Regulation 401 KAR 63:010, Section 3 (3), when dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance or to violate any administrative regulation, the Secretary may order that the building or equipment in which processing, handling and storage are done be tightly closed and ventilated in such a way that all air and gases and air or air-borne material leaving the building or equipment are treated by removal or destruction of air contaminants before discharge to the open air.

e. Pursuant to Regulation 401 KAR 63:010, Section 4, Additional Requirements, in addition to the requirements of Section 3 of this regulation, the following shall apply:

1) Pursuant to Regulation 401 KAR 63:010, Section 4 (1), open bodied trucks, operating outside company property, transporting materials likely to become airborne shall be covered at all times when in motion.

2) Pursuant to Regulation 401 KAR 63:010, Section 4 (4), no one shall allow earth or other material being transported by truck or earth moving equipment to be deposited onto a paved street or roadway.

Compliance Demonstration Method:

See Section C, General Condition F.1.

3. Testing Requirements:

N/A

4. Monitoring Requirements:

See Section C, General Condition F.1.

5. Recordkeeping Requirements:

See Section C, General Conditions B.1.,B.2., and F.1.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Reporting Requirements:

See Section C, General Conditions C.1., C.2., C.3., and F.2.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Outside Building

Barmac

03 (001A) Loading Hopper
(Maximum Rated Capacity – 100 tons/hour)
[From End-Loader to Conveyor (002A)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

System A

05 (056) Loading Hopper
(Maximum Rated Capacity – 100 tons/hour)
[From End-Loader to Conveyor (015A)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

(015A) Conveyor and Transfer Points (#15A)
[From Loading Hopper (056) & Conveyor (014B) to Rail Loadout Spout]
(Maximum Process Rate – 100 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

(067) Loading Spout (Railcar)
(Maximum Rated Capacity – 100 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

(-) Rail Loadout
[From Rail Loadout Spout (067)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building

Barmac

04 (002) **Conveyor and Transfer Points (Feeder)**
[From Loading Hopper (001A) to Conveyor (002A)]
(Maximum Process Rate – 75 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(002A) **Conveyor and Transfer Points (#2A)**
[From Conveyor (002) to Crusher (004A)]
(Maximum Process Rate – 150 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(004A) **Crusher - Tidco-Barmac Model 9600**
(Maximum Rated Capacity - 150 tons/hour)
[From Conveyor (002A) to Conveyor (005B)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(DC-9) **Dust Collector Baghouse**
(Torit Model: #DFT 3-18)
Constructed: September 30, 1999

(005B) **Conveyor and Transfer Points (#5B)**
[From Crusher (004A) to Bucket Elevator (B05A)]
(Maximum Process Rate – 150 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(B05A) **Bucket Elevator (#B05A)**
[From Conveyor (005B) to Conveyor (005A)]
(Maximum Process Rate – 150 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

Barmac (Continued)

04 (005A) Conveyor and Transfer Points (#5A)
[From Bucket Elevator (B05A) to Screen (006A)]
(Maximum Process Rate – 150 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(006A) Screen - Midwestern Ind. Model MEV 510-2
(Maximum Rated Capacity - 150 tons/hour)
[From Conveyor (005A) to Conveyor (003A)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(003A) Conveyor and Transfer Points (#3A)
[From Screen (006A) to Bucket Elevator (003)]
(Maximum Process Rate – 75 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(003) Bucket Elevator (#003)
[From Conveyor (003A) to Conveyor (BC-3)]
(Maximum Process Rate – 75 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(BC-3) Conveyor and Transfer Points (#003)
[From Bucket Elevator (003) to Screen (004)]
(Maximum Process Rate – 75 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A

06 (004) **5-Deck Screen - Midwestern Ind. Model MEV 510-5 T.E.**
(Maximum Rated Capacity - 75 tons/hour)
[From Conveyor (BC-3) to Storage Bins #41, #42, #43, #44, #45, and #46]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(041) **Storage Bin #41 (Bin A)**
[From Screen (004) to Belt Feeder (007)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(007) **Conveyor and Transfer Points (Belt Feeder)**
[From Storage Bin #41 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(042) **Storage Bin #42 (Bin B)**
[From Screen (004) to Belt Feeder (008)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(008) **Conveyor and Transfer Points (Belt Feeder)**
[From Storage Bin #42 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(043) **Storage Bin #43 (Bin C)**
[From Screen (004) to Belt Feeder (009)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A

06 (009) **Conveyor and Transfer Points (Belt Feeder)**
[From Storage Bin #43 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(044) **Storage Bin #44 (Bin D)**
[From Screen (004) to Belt Feeder (010)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(010) **Conveyor and Transfer Points (Belt Feeder)**
[From Storage Bin #44 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(045) **Storage Bin #45 (Bin E)**
[From Screen (004) to Belt Feeder (011)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(011) **Conveyor and Transfer Points (Belt Feeder)**
[From Storage Bin #45 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(046) **Storage Bin #46 (Bin F)**
[From Screen (004) to Belt Feeder (012)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A

06 (012) Conveyor and Transfer Points (Belt Feeder)
[From Storage Bin #46 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(5) Dust Collector Baghouse
(Torit Model: #DFT 3-54)
Constructed: September 30, 1999

(047) Storage Bin #47 (Bin G)
[To Belt Feeder (013)]
(Maximum Loading Rate – 12 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(013) Conveyor and Transfer Points (Screw)
[From Storage Bin #47 to Reversing Conveyor (014A/B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(014B) Conveyor and Transfer Points (Reversing) (Rail Direction)
[From Storage Bins #41, #42, #43, #44, #45, #46, and #47 to Outside Conveyor (015A)]
(Maximum Process Rate – 100 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(014A) Conveyor and Transfer Points (Reversing) (Bagging Direction)
[From Storage Bins #41, #42, #43, #44, #45, #46, and #47 to Bucket Elevator (020)]
(Maximum Process Rate – 100 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A (Continued)

06 (020) Bucket Elevator (#020)
[From Conveyor (014A) to Conveyor (021A)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(021A) Conveyor and Transfer Points (Reversing) (Screening Direction)
[From Bucket Elevator (020) to Screen (004-A) and Magnetic Separator (MB-2)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(021B) Conveyor and Transfer Points (Reversing) (Bypass Direction)
[From Bucket Elevator (020) to Conveyor (021) and Magnetic Separator (MB-3)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(004-A) Screen - Midwestern Ind. Model MEV 510-2
(Maximum Rated Capacity - 150 tons/hour)
[From Conveyor (021A) to Conveyors (021) and (Fines)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(021) Conveyor and Transfer Points (#021) (Reversing)
[From Magnetic Separator (MB-3) and Screen (004-A) to Storage Bins #48, #49, and #50)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A (Continued)

06 (Fines) Conveyor and Transfer Points (#Fines)
[From Screen (004-A) to Bulk Bagging)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(048) Storage Bin #48 (North Bagger)
[From Conveyor (021) to Baggers (51) and (39)]
(Maximum Loading Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(051A) Bagger #51 (Robey Model: RA-14)
[From Storage Bin (48)]
(Maximum Process Rate – 7.5 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(039) Bagger #39 (Robey Model: RA-14)
[From Storage Bin (48)]
(Maximum Process Rate – 7.5 tons/hour)
Constructed: October 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(049) Storage Bin #49 (South Bagger)
[From Conveyor (021) to Baggers (53) and (40)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System A (Continued)

06 (053) Bagger #53 (Robey Model: RA-14)
[From Storage Bin (49)]
(Maximum Process Rate – 7.5 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(040) Bagger #40 (Robey Model: RA-14)
[From Storage Bin (49)]
(Maximum Process Rate – 7.5 tons/hour)
Constructed: October 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(050) Storage Bin #50
[From Conveyor (021) to Bagger (055A)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(055A) Bagger #055 (Bulk) (Taylor IBC-4000)
[From Storage Bin (50)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

System B

07 (058) Storage Bin #58 (Bin H)
[From Bucket Elevator (BE1) to Conveyors (023A) and (038A)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System B (Continued)

07 (038A) Conveyor and Transfer Points (#038A)
[From Storage Bin #58 (Bin H) to Conveyor (038)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(038) Conveyor and Transfer Points (#038)
[From Conveyor (038A) to Magnetic Separator (MS037)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(MS037) Magnetic Separator (#MS037)
[From Conveyor (038) to Conveyors (C037B) and (SC15)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(SC15) Conveyor and Transfer Points (#SC15)
[From Magnetic Separator (MS037) to Bulk Bagging]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(C037B) Conveyor and Transfer Points (#C037B)
[From Magnetic Separator (MS037) to Bucket Elevator (037)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(037) Bucket Elevator (#037)
[From Conveyor (C037B) to Conveyor (C037)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System B (Continued)

07 (C037) Conveyor and Transfer Points (#C037)
[From Bucket Elevator (037) to Screen (026)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(026) 5-Deck Screen - Midwestern Ind. Model MEV 510-5
(Maximum Rated Capacity - 50 tons/hour)
[From Conveyor (C037) to Storage Bins #U, #V, #W, #61, #62, #63, and Screens (SR-3) and (SR-4)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(B2601) Conveyor and Transfer Points (#B2601)
[From Screen (SR-4) to Storage Bin (U)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(061) Storage Bin #61 (Bin 5)
[From Screen (026) to Conveyor (030)]
(Maximum Process Rate – 5 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(030) Conveyor and Transfer Points (#030) (Screw)
[From Storage Bin (061) to Conveyor (023)]
(Maximum Process Rate – 10 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System B (Continued)

07 (062) Storage Bin #62 (Bin 4)
[From Screen (026) to Conveyor (028)]
(Maximum Process Rate – 5 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(028) Conveyor and Transfer Points (#028)
[From Storage Bin (062) to Conveyor (023)]
(Maximum Process Rate – 10 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(64) Dust Collector Baghouse #64
(Torit Model: #DFT 3-24)
[To Storage Bin (7)]
Constructed: September 30, 1999

(063) Storage Bin #63 (Bin 6)
[From Screen (SR-3) to Conveyor (029)]
(Maximum Process Rate – 5 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(029) Conveyor and Transfer Points (#029) (Screw)
[From Storage Bin (063) to Conveyor (023)]
(Maximum Process Rate – 10 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(BC023B) Conveyor and Transfer Points (#BC023B)
[From Conveyors (BFU) and (BFV) to Conveyor (023)]
(Maximum Process Rate – 15 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Inside Building (Continued)

System B (Continued)

07 (023A) **Conveyor and Transfer Points (#023A) (Reversing) (System A Direction)**
[From Conveyors (BC023B), (SFT), (028), (029), (030), (BFW), (F023) to Conveyor (031)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(023B) **Conveyor and Transfer Points (#023B) (Reversing) (Bagging Direction)**
(From Conveyors (BC023B), (SFT), (028), (029), (030), (BFW), (F023) to Bucket Elevator (032)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(032) **Bucket Elevator (#032)**
[From Conveyor (023) to Conveyor (032A)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(032A) **Conveyor and Transfer Points (#032)**
[From Bucket Elevator (032) to Conveyor (BC-8) and Screen (SR-2)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(SR-2) **Screen - Midwestern Ind. Model MEV 510-2**
(Maximum Rated Capacity - 50 tons/hour)
[From Conveyor (032A) to Conveyor (BC-8) and Storage Bin (Fines)]
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

07 (BC-8) Conveyor and Transfer Points (#BC-8)
[From Screen (SR-2) and Conveyor (032A) to Storage Bins (060) and (070)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(051B) Bagger #51B (Robey Model: RA-14)
[From Storage Bin (070)]
(Maximum Process Rate – 30 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

(060) Storage Bin #60
[From Conveyor (BC-8) to Bagger (055B)]
(Maximum Process Rate – 20 tons/hour)
Constructed: September 30, 1999
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

New Sizing

08 (DC-5) Dust Collector Baghouse
(Torit Model: #DFT 3-18)
Constructed: September 30, 1999

ADDITIONS TO THE SOURCE:

Inside Building

System B

09 (BLO22) Dust Collector Baghouse (#BLO22)
(Torit Model: #DFT 3-12)
(To Storage Bin #7)
Constructed: March 1, 2003

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

09 (22A) Conveyor and Transfer Points (#22A)
[From Screen (004) to Loading Hopper (057)]
(Maximum Process Rate - 15 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(057) Loading Hopper
[From Bulk Bagging to Conveyor (BCE1)]
(Maximum Process Rate – 15 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(BLO42) Dust Collector Baghouse (#BLO42)
(Torit Model: #DFT 3-18)
(To Storage Bin #7)
Constructed: March 1, 2003

(LHBCE2) Loading Hopper
[To Conveyor (BCE2)]
(Maximum Process Rate – 25 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BCE2) Conveyor and Transfer Points (#BCE2)
[From Loading Hopper (LHBCE2) to Conveyor (BCE1)]
(Maximum Process Rate - 25 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

09 (BCE1) Conveyor and Transfer Points (#BCE1)
[From Loading Hopper (057) and Conveyor (BCE2) to Bucket Elevator (BE1)]
(Maximum Process Rate - 15 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(SC23A) Conveyor and Transfer Points (#23A) (Screw)
[From Storage Bin (58) to Conveyor (023)]
(Maximum Process Rate - 20 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(U) Storage Bin #U (Bin 1)
[From Screen (026) to Conveyor (BFU)]
(Maximum Process Rate - 5 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(BFU) Conveyor and Transfer Points (#BFU)
[From Storage Bin (U) to Conveyor (BC023B)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(V) Storage Bin #V (Bin 2)
[From Screen (026) to Conveyor (BFV)]
(Maximum Process Rate - 5 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

09 (BFV) Conveyor and Transfer Points (#BFV)
[From Storage Bin (V) to Conveyor (BC023B)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(W) Storage Bin #W (Bin 3)
[From Screen (026) to Conveyor (BFW)]
(Maximum Process Rate – 5 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(BFW) Conveyor and Transfer Points (#BFW)
[From Storage Bin (W) to Conveyor (023)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(F023) Conveyor and Transfer Points (#F023) (Screw)
[From Storage Bin (046) to Conveyor (023)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(031) Conveyor and Transfer Points (#031)
[From Conveyor (023) to Conveyor (014)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

09 (055B) Bagger #055 (Bulk) (Taylor IBC-4000)
[From Storage Bin (060)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-24)

(T) Storage Bin #T (Bin 7)
[To Conveyor (SFT)]
(Maximum Process Rate - 5 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(SFT) Conveyor and Transfer Points (#SFT) (Screw)
[From Storage Bin #T to Conveyor (023)]
(Maximum Process Rate - 10 tons/hour)
Constructed: March 1, 2003
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

10 (SR-3) 2-Deck Screen - Midwestern Ind. Model #MEV Series
(Maximum Rated Capacity - 20 tons/hour)
[From Screen (026) to Storage Bin #63, and Bulk Bagging]
Constructed: January 5, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

(SR-4) 2-Deck Screen - Midwestern Ind. Model #MEV Series
(Maximum Rated Capacity - 20 tons/hour)
[From Screen (026) to Conveyor (B2601), and Bulk Bagging)]
Constructed: January 5, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System B (Continued)

10 (070) Storage Bin #70
[From Screen (018B) to Bagger (051B)]
(Maximum Process Rate - 20 tons/hour)
Constructed: January 5, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-12)

New Sizing

11 (FH1) Loading Hopper
[To Conveyor (BF-1)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BF-1) Conveyor and Transfer Points
[From Loading Hopper (FH1) to Crusher (CR-3)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CR-3) Crusher – Remco Model REM-100
(Maximum Rated Capacity - 20 tons/hour)
[From Conveyor (BF-1) to Conveyor (BF-2)]
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BF-2) Conveyor and Transfer Points
[From Crusher (CR-3) to Bucket Elevator (E1)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

New Sizing (Continued)

11 (E1) Bucket Elevator (#E-1)
[From Conveyor (BF-2) to Screen (SR-1)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(SR-1) Screen - Midwestern Ind. Model #48-2
(Maximum Rated Capacity - 20 tons/hour)
[From Bucket Elevator (E1) to Conveyors (BC-1) and (BF-3)]
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BD-1) Conveyor and Transfer Points (#BD-1)
[From Baghouse (DC-5) to Conveyor (BC-1) and Bulk Bagging]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BC-1) Conveyor and Transfer Points (#BC-1)
[From Screen (SR-1) to Storage Bins (BH1) and (BH2) and Conveyor (003A)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BH1) Storage Bin
[From Conveyor (BC-1)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

New Sizing (Continued)

11 (BH2) Storage Bin
[From Conveyor (BC-1)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BF-3) Conveyor and Transfer Points
[From Screen (SR-1) to Crusher (CR-3)]
(Maximum Process Rate - 20 tons/hour)
Constructed: June 1, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

Barmac

12 (SC14) Conveyor and Transfer Points (#SC14)
[From Collector (DC-9) to Bucket Elevator (EBDE)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(EBDE) Conveyor and Transfer Points (#EBDE)
[From Conveyor (SC14) to Storage Bin (BDT)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(BDT) Storage Bin #BDT
[From Conveyor (EBDE) to Conveyor (BDCA)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System C

13 (BDCA) Conveyor and Transfer Points (#BDCA)
[From Storage Bin (BDT) to Conveyor (CGA)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(C1) Storage Bin #C1
[From Bulk Bagging to Conveyor (CFB)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(C2) Storage Bin #C2
[From Bulk Bagging to Conveyor (CGA)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CGA) Conveyor and Transfer Points (#CGA)
[From Conveyor (BDCA) and Storage Bin (C2) to Conveyor (CFB)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CFB) Conveyor and Transfer Points (#CFB)
[From Conveyor (CGA) and Storage Bin (C1) to Bucket Elevator (CE)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System C (Continued)

13 (CFA1) Conveyor and Transfer Points (#CFA1)
[From Storage Bin (F) to Conveyor (CFA2)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CFA2) Conveyor and Transfer Points (#CFA2)
[From Conveyor (CFA1) to Conveyor (CCF)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(013) Conveyor and Transfer Points (#013)
[From Storage Bin (G) to Conveyor (CA2)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CA2) Conveyor and Transfer Points (#CA2)
[From Conveyor (013) to Conveyor (CCF)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CCF) Conveyor and Transfer Points (#CCF)
[From Conveyors (CFA2) and (CA2) to Bucket Elevator (CE)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System C (Continued)

13 (CE) Bucket Elevator (#CE)
[From Conveyors (CFB) and (CCF) to Screen (CS)]
(Maximum Process Rate - 10 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(CS) Screen – Midwestern Ind. Model #MR Series
(Maximum Rated Capacity - 10 tons/hour)
[From Bucket Elevator (CE) to Storage Bin (C)]
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(C) Storage Bin #C
[From Screen (CS) to Bagger (055C)]
(Maximum Process Rate - 15 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(055C) Bagger #055C (Bulk) (Taylor IBC-4000)
[From Storage Bin (C)]
(Maximum Process Rate - 15 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

System D

14 (LH73) Loading Hopper
[From Bulk Bagging to Conveyor (3M-S)]
(Maximum Process Rate - 3 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Inside Building (Continued)

System D (Continued)

14 (3M-E) Bucket Elevator (#3M-E)
[From Conveyor (3M-S) to Screen (S75)]
(Maximum Process Rate - 3 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(S75) Screen - Midwestern Ind. Model #MR Series
(Maximum Rated Capacity - 3 tons/hour)
[From Bucket Elevator (3M-E) to Storage Bins (L) and (R)]
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(SB76) Storage Bin #L
[From Screen (S75)]
(Maximum Process Rate - 3 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

(SB77) Storage Bin #R
[From Screen (S75)]
(Maximum Process Rate - 3 tons/hour)
Constructed: June 14, 2004
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

System E

15 (3M-S) Conveyor and Transfer Points (#3M-S)
[From Loading Hopper (LH73) to Bucket Elevator (3M-E)]
(Maximum Process Rate - 3 tons/hour)
Constructed:
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-18)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Ball Mill Plant

16 (-) Feed Hopper
(Maximum Rated Capacity – 20 tons/hour)
(From End-Loader to Ceramic Ball Mill)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Ceramic Ball Mill (Hardinge 10' x 96")
(Maximum Rated Capacity - 20 tons/hour)
(From Feed Hopper to Bucket Elevator)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bucket Elevator
(From Ball Mill to Screen)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Screen - Midwestern Five-Deck (4 x 8)
(Maximum Rated Capacity - 20 tons/hour)
(From Bucket Elevator to Ceramic Ball Mill, Air Classifier, or four Bulk Tanks)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Air Classifier
(From Screen to Bulk Tank)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Ball Mill Plant (Continued)

16 (-) Bulk Tank
(From Air Classifier to Reversing Belt)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bulk Tank
(From Screen to Feeder Screw)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Feeder Screw
(From Bulk Tank to Reversing Blender Conveyor)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bulk Tank
(From Screen to Feeder Screw)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Feeder Screw
(From Bulk Tank to Reversing Blender Conveyor)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bulk Tank
(From Screen to Feeder Screw)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Ball Mill Plant (Continued)

16 (-) Feeder Screw
(From Bulk Tank to Reversing Blender Conveyor)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bulk Tank
(From Screen to Feeder Screw)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Feeder Screw
(From Bulk Tank to Reversing Blending Conveyor)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Reversing Blending Conveyor
(From Feeder Screws to Mag Separator)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Dust Collector (Torit DTF3-54)
(Maximum Process Rate - 10 tons/hour)
Constructed: 2007

(-) Bulk Tank
(From Dust Collector to Mag Separator)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Ball Mill Plant (Continued)

16 (-) Mag Separator
(From Reversing Blending Conveyor and Bulk Tank to Reversing Belt)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Reversing Belt
(From Mag Separator and Bulk Tank to Bulk Bagger and 50 / 100 Bagger)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Bulk Bagger
(From Reversing Belt to Truck Loadout)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Truck Loadout
(From Bulk Bagger)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) 50 / 100 Bagger
(From Reversing Belt to Truck Loadout)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ADDITIONS TO THE SOURCE: (CONTINUED)

Ball Mill Plant (Continued)

16 (-) Truck Loadout
(From 50 / 100 Bagger)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) 50 / 100 Bagger
(From Reversing Belt to Truck Loadout)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

(-) Truck Loadout
(From 50 / 100 Bagger)
(Maximum Process Rate - 20 tons/hour)
Constructed: 2007
Control: Baghouse (Pulse-Air)
(Model: Torit DTF3-54)

APPLICABLE REGULATIONS:

State Regulation 401 KAR 60:005, Standards of performance for new stationary sources, which incorporates by reference 40 CFR 60.380 (40 CFR 60, Subpart LL), applies to each of the affected facilities listed above.

1. Operating Limitations:

N/A

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. Emission Limitations:

a) As specified in State Regulation 401 KAR 60:005 [40 CFR 60.382(a)], stack emissions from the seven loading (feed) hoppers, emission points 03 (001A), 05 (056), 09 (057), (LHBCE2), 11 (FH1), 14 (LH73) and 16 (-); the sixty-two conveyors and transfer points, emission points 04 (002), (002A), (003A), (005A), (005B) (BC-3), 05 (015A), 06 (007), (008), (009), (010), (011), (012), (013), (014A), (014B), (021), (021A), (021B), (Fines), 07 (023A), (023B), (028), (029), (030), (032A), (038), (038A), (B2601), (BC-8), (BC023B), (C037), (C037B), (SC15), 09 (22A), (031), (BCE1), (BCE2), (BFU), (BFV), (BFW), (F023), (SC23A), (SFT), 11 (BC-1), (BD-1), (BF-1), (BF-2), (BF-3), 12 (EBDE), (SC14), 13 (013), (BDCA), (CA2), (CCF), (CFA1), (CFA2), (CFB), (CGA), 15 (3M-S), and 16 (-); the two crushers, emission points 04 (004A) and 11 (CR-3); the one ceramic ball mill, emission point 16 (-); the nine bucket elevators, emission points 04 (003), (B05A), 06 (020), 07 (032), (037), 11 (E1), 13 (CE), 14 (3M-E), and 16 (-); the eleven screens, emission points 04 (006A), 06 (004), (004-A), 07 (026), (SR-2), 10 (SR-3), (SR-4), 11 (SR-1), 13 (CS), 14 (S75), and 16 (-); the four feeder screws, emission points 16 (-); the twenty-eight storage bins, emission points 06 (041), (042), (043), (044), (045), (046), (047), (048), (049), (050), 07 (058), (060), (061), (062), (063), 09 (T), (U), (V), (W), 10 (070), 11 (BH1), (BH2), 12 (BDT), 13 (C), (C1), (C2), 14 (SB76), and (SB77); the six bulk tanks, emission points 16 (-); the eleven baggers, emission points 06 (039), (040), (051A), (053), (055A), 07 (051B), 09 (055B), 13 (055C); and 16 (-); the seven baghouses, emission points 04 (DC-9), 06 (5), 07 (64), 08 (DC-5), 09 (BLO22), (BLO42), and 16 (-); the two magnetic separators, emission points 07 (MS037) and 16 (-); the one air classifier, emission point 16 (-);the three truck loadouts, emission points 16 (-); the one loading spout, emission point 05 (067); and the one railcar loadout, emission point 05 (-); shall not contain particulate matter in excess of 0.02 g/dscm and exhibit greater than seven percent (7%) opacity, unless the stack emissions are discharged using a wet scrubbing control device.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. Emission Limitations: (Continued)

b) As specified in State Regulation 401 KAR 60:005 [40 CFR 60.382(b)], process fugitive emissions from the seven loading (feed) hoppers, emission points 03 (001A), 05 (056), 09 (057), (LHBCE2), 11 (FH1), 14 (LH73) and 16 (-); the sixty-two conveyors and transfer points, emission points 04 (002), (002A), (003A), (005A), (005B) (BC-3), 05 (015A), 06 (007), (008), (009), (010), (011), (012), (013), (014A), (014B), (021), (021A), (021B), (Fines), 07 (023A), (023B), (028), (029), (030), (032A), (038), (038A), (B2601), (BC-8), (BC023B), (C037), (C037B), (SC15), 09 (22A), (031), (BCE1), (BCE2), (BFU), (BFV), (BFW), (F023), (SC23A), (SFT), 11 (BC-1), (BD-1), (BF-1), (BF-2), (BF-3), 12 (EBDE), (SC14), 13 (013), (BDCA), (CA2), (CCF), (CFA1), (CFA2), (CFB), (CGA), 15 (3M-S), and 16 (-); the two crushers, emission points 04 (004A) and 11 (CR-3); the one ceramic ball mill, emission point 16 (-); the nine bucket elevators, emission points 04 (003), (B05A), 06 (020), 07 (032), (037), 11 (E1), 13 (CE), 14 (3M-E), and 16 (-); the eleven screens, emission points 04 (006A), 06 (004), (004-A), 07 (026), (SR-2), 10 (SR-3), (SR-4), 11 (SR-1), 13 (CS), 14 (S75), and 16 (-); the four feeder screws, emission points 16 (-); the twenty-eight storage bins, emission points 06 (041), (042), (043), (044), (045), (046), (047), (048), (049), (050), 07 (058), (060), (061), (062), (063), 09 (T), (U), (V), (W), 10 (070), 11 (BH1), (BH2), 12 (BDT), 13 (C), (C1), (C2), 14 (SB76), and (SB77); the six bulk tanks, emission points 16 (-); the eleven baggers, emission points 06 (039), (040), (051A), (053), (055A), 07 (051B), 09 (055B), 13 (055C); and 16 (-); the seven baghouses, emission points 04 (DC-9), 06 (5), 07 (64), 08 (DC-5), 09 (BLO22), (BLO42), and 16 (-); the two magnetic separators, emission points 07 (MS037) and 16 (-); the one air classifier, emission point 16 (-);the three truck loadouts, emission points 16 (-); the one loading spout, emission point 05 (067); and the one railcar loadout, emission point 05 (-); shall not exhibit greater than ten percent (10%) opacity, each.

Compliance Demonstration Method:

a. In determining compliance with the particulate matter standards as listed in a) above, the owner or operator shall use Method 5 or Method 17 and the following procedures listed in 40 CFR 60.386(b)(1).

1) The sampling volume for each run shall be at least 1.70 dscm (60 dscf).
2) The sampling probe and filter holder of Method 5 may be operated without heaters if the gas stream being sampled is at ambient temperature.
3) For gas streams above ambient temperature, the Method 5 sampling train shall be operated with a probe and filter temperature slightly above the effluent temperature [up to a maximum filter temperature of 121 ºC (250 ºF)] in order to prevent water condensation on the filter.

b. In determining compliance with the opacity standards as listed in a) and b) above, the owner or operator shall use Method 9 and the procedures as described in 40 CFR 60.11 and 40 CFR 60.386(b)(2).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. Emission Limitations: (Continued)

Compliance Demonstration Method: (Continued)

c. See Section C, General Condition F.1.

3. Testing Requirements:

See Section C, General Condition G.3.

4. Monitoring Requirements:

See Section C, General Condition F.1.

5. Record keeping Requirements:

See Section C, General Conditions B.1., B.2., and F.1.

6. Reporting Requirements:

See Section C, General Conditions C.1., C.2., C.3., F.2., and G.2.

SECTION C GENERAL CONDITIONS

A. Administrative Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of State Regulation 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

2. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issuance. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]

3. Any condition or portion of this permit, which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1a, 11]

4. This permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1a, 4 and 5]

5. This permit does not convey property rights or exclusive privileges. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1a, 8].

6. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 52:040 Section 11(3)]

7. This permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in State Regulation 401 KAR 50:038, Air emissions fee. The permittee shall submit an annual emissions certification pursuant to State Regulation 401 KAR 52:040, Section 20.

8. All permits previous issued to this source, at this location, are hereby null and void.

SECTION C - GENERAL CONDITIONS (CONTINUED)

B. Recordkeeping Requirements

1. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1b, IV. 2) and 401 KAR 52:040 Section 3(1)(f)]

2. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official. [401 KAR 52:040, Section 21]

C. Reporting Requirements

1. a. In accordance with the provisions of State Regulation 401 KAR 50:055, Section 1, the permittee shall notify the Division for Air Quality's Ashland Regional Office, concerning startups, shutdowns, or malfunctions as follows:
    1. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
    2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other approved electronic media) and shall cause written notice upon request.

    b. The permittee shall promptly report deviations from permit requirements, including those attributed to upset conditions [other than emission exceedances covered by Reporting Requirement condition 1 a) above], the probable cause of the deviation, and corrective or preventive measures taken; to the Division for Air Quality's Ashland Regional Office within 30 days. Other deviations from permit requirements shall be included in the semiannual report. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1b. V. 3]

2. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the permit. [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1a, 6].

3. Summary reports of monitoring required by this permit shall be reported to the Division's Ashland Regional Office at least every six (6) months during the life of this permit. The summary reports are due January 30th and July 30th of each year. All reports shall be certified by a responsible official. All deviations from permit requirements shall be clearly identified in the reports. [401 KAR 52:040, Section 21]

SECTION C - GENERAL CONDITIONS (CONTINUED)

D. Inspections

1. In accordance with the requirements of State Regulation 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:

    a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
    b. To access and copy any records required by the permit;
    c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit;
    d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

    Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.

E. Emergencies/Enforcement Provisions

1. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Cabinet Provisions and Procedures for Issuing State-Origin Permits, Section 1a, 3].

2. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
    a. An emergency occurred and the permittee can identify the cause of the emergency;
    b. The permitted facility was at the time being properly operated;
    c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
    d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.

3. Emergency provisions listed in General Condition E.2 are in addition to any emergency or upset provision contained in an applicable requirement.

4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.

SECTION C - GENERAL CONDITIONS (CONTINUED)

F. Compliance

1. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:
   a. Pursuant to State Regulation 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by State Regulation 401 KAR 50:055, Section 1.
   b. All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and non routine maintenance performed on each control device. Daily observations are required during daylight hours of all operations, control equipment and any visible emissions to determine whether conditions appear to be either normal or abnormal. If the operations, controls and/or emissions appear abnormal, the permittee must then comply with the requirements of Section C – General Conditions, C.1.b., of this permit.
   c. A log of the monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program (spread sheets), calculations or performance tests as may be specified by the Division.

2. Pursuant to State Regulation 401 KAR 52:040, Section 19, the permittee shall certify compliance with the terms and conditions contained in this permit by January 30th of each year, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Division's Ashland Regional Office, in accordance with the following requirements:
   a. Identification of the term or condition;
   b. Compliance status of each term or condition of the permit;
   c. Whether compliance was continuous or intermittent;
   d. The method used for determining the compliance status for the source, currently and over the reporting period; and
   e. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality Ashland Regional Office 1550 Wolohan Drive, Suite 1 Ashland, KY 41102-8942	Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601

3. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:
   a. Applicable requirements included and specifically identified in the permit; or
   b. Non-applicable requirements expressly identified in this permit.

SECTION C - GENERAL CONDITIONS (CONTINUED)

G. New Construction Requirements:

1. Pursuant to State Regulation 401 KAR 52:040, Section 12(3), unless construction is commenced on or before 18 months after the date of issue of this permit, or if construction is commenced and then stopped for any consecutive period of 18 months or more, or is not completed within a reasonable timeframe, then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon a written request, the cabinet may extend these time periods if the source shows good cause.

2. Pursuant to State Regulations 401 KAR 52:040, Section 12(4)(a) and 401 KAR 59:005, General provisions, Section 3(1), within 30 days following construction commencement, within 15 days following start-up and attainment of maximum production rate, or within 15 days following the issuance date of this permit, whichever is later, the owner and/or operator of the affected facilities specified on this permit shall furnish to the Division's Ashland Regional Office, with a copy to the Division's Frankfort Central Office, the following:
   a. Date when construction commenced, (See General Condition G.1).
   b. Start-up date of each of the affected facilities listed on this permit.
   c. Date when maximum production rate was achieved, (See General Condition G.3.b).
   d. Summary reports, as referenced in Section C, C.3., of any monitoring required by this permit, for emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.
   e. The annual compliance certification, as referenced in Section C, F.2., for an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the compliance certification, shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

3. a. Pursuant to State Regulation 401 KAR 59:005, General provisions, Section 2(1), this permit shall allow time for the initial start-up, operation and compliance demonstration of the affected facilities listed herein. However, within 60 days after achieving the maximum production rate at which the affected facilities will be operated, but not later than 180 days after initial start-up of such facilities, the owner or operator shall demonstrate compliance to a duly authorized representative of the Division.
   b. Pursuant to State Regulation 401 KAR 59:005, General provisions, Section 3(1)(b), unless notification and justification to the contrary are received by this Division, the date of achieving the maximum production rate at which the affected facilities will be operated shall be deemed to be 30 days after initial start-up.

4. Operation of the affected facilities authorized by this permit shall not commence until compliance with applicable standards specified herein has been demonstrated in accordance with the requirements of State Regulation 401 KAR 52:040, Section 12(4)(b). Until compliance is demonstrated, the source may only operate for the purpose of demonstrating compliance.